

Using LibrePlan PM tool in a proces setting



LIBREPLAN

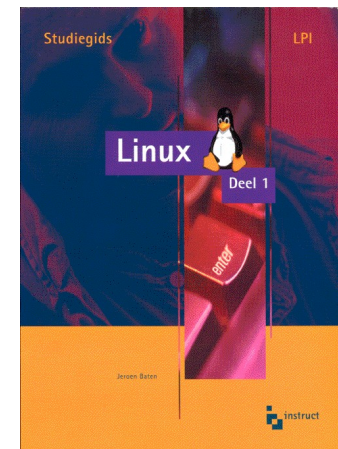
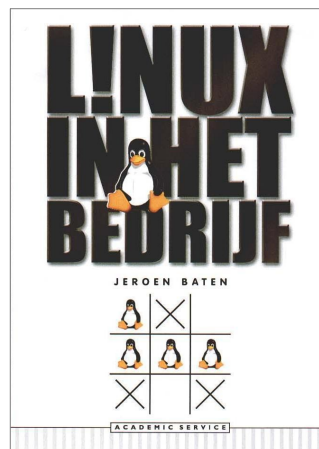
OpenWebPlanning

T.O.C

- What's the plan ?
- What is LibrePlan ?
- Some screenshots
- Demo time !
- What did we build in the last year ?
- Questions ?

Who am I?

- Jeroen Baten
- Involved in Open Source since 1997
- Sofar 9 books and 2 columns
- Job title : Solutionist
- Firefighter
- Scouting



Who am I ? (in pics)



What's the plan?

- Introduce project planning into the swdev dept.
 - There was nothing. Happy with anything. Goal : Insight !
- What else is there ?
 - Jira (bug management) and Timn Enterprise (time registration)
- Mind the people
 - Developers develop ! (the latest and greatest)
 - Ops operate! (stability before features)
- Rules :
 - One line of information flow, no complex syncing.
 - Only enter data once

What is LibrePlan ?

- History, NavalPlan, Galicia
- Webbased Project planning application
- Java, zk-lib, mvn, git repo,
- Resource allocation
 - Manual, or
 - Based on criteria
- Resource utilisation
- Reporting
- Users in Spain, France, US, NL, Korea, etc.

Define activities and estimate work

LIBREPLAN OpenWebPlanning








Scheduling Resources Administration / Management Reports My account user: admin [Log out]





































START » Scheduling » Project Details » LibrePlan customization

Help ? i

Task with options Filter

WBS (tasks) General data Imputed hours Progress Label Criterion Requirement Materials Task quality forms Authorizations

New task: Hours: 0 Add Add From Template Selected node:       

Scheduling state	Code	Name	Hours	Must start after	Deadline	Operations
		Project Coordination	200			 
		Graphical design	140			 
		Initial Drafts	60			 
		Static prototypes	40		10/12/11	 
		Brand deliverables	20			 
		HTML/CSS templates	80			 
		Feature A implementation	70			 
		Feature B implementation	150			 
		Subfeature B.1	40			 
		Subfeature B.2	110			 
		Add functional Testing	60			 
		Quality Assurance	20			 

Project Scheduling

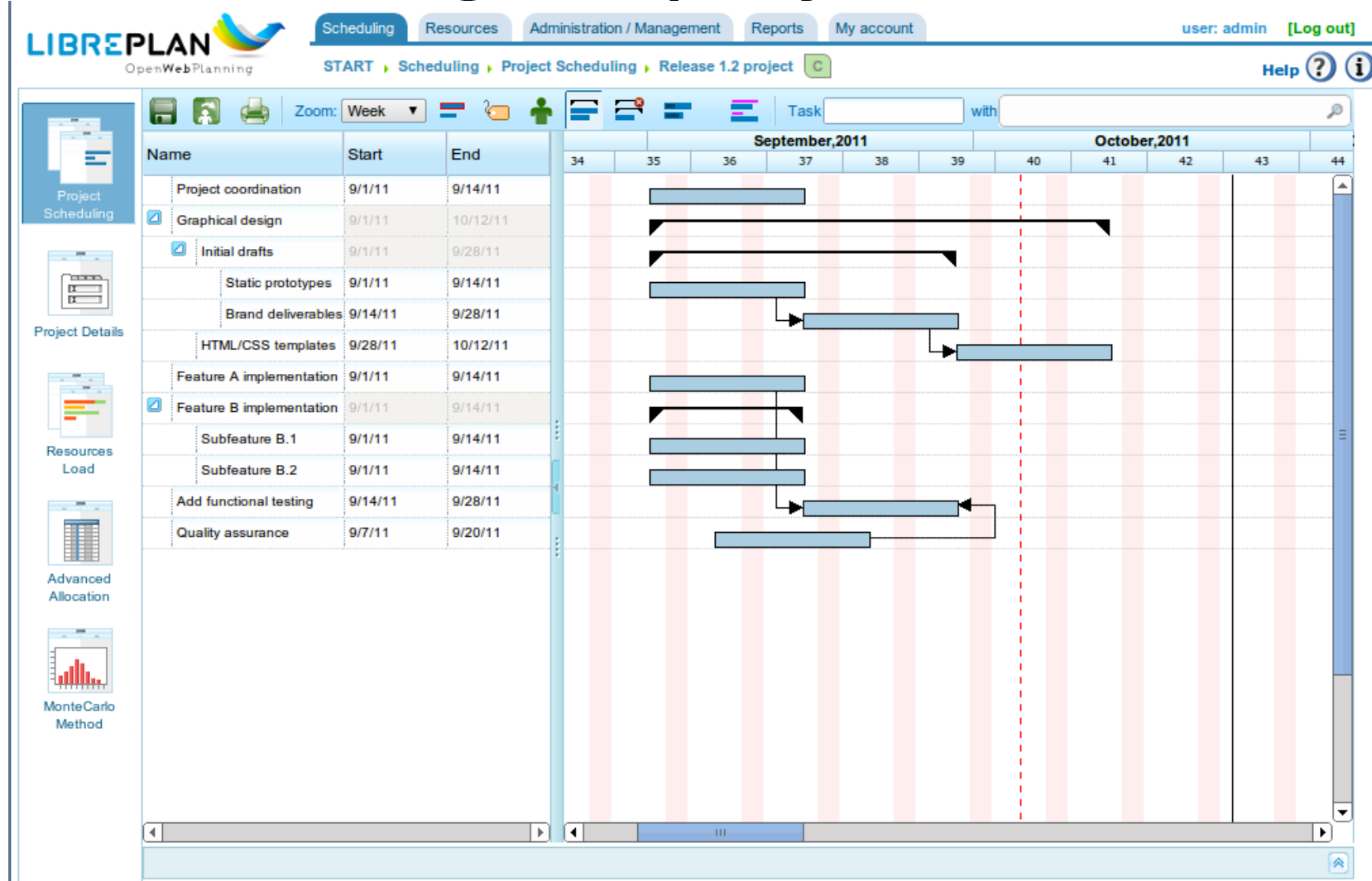
Project Details

Resources Load

Advanced Allocation

Monte Carlo Method

Configure project Gantt



Assign resources

LIBREPLAN OpenWebPlanning

Scheduling Resources Administration / Management Reports My account user: admin [Log out]

START > Scheduling > Project Scheduling > Release 1.2 project

Help ? i

Zoom: Day Task with

Edit task: Project coordination

Task properties Non limiting resource allocation

Task Information

Criteria	Type	Hours
Project Manager	WORKER	80
Total estimated hours:		80

Recommended allocation

Allocation configuration

Planned start : 9/1/11 Planned end : 10/15/11
Planned workable days : 32

☒ Calculate Workable Days
☐ Calculate Number of Hours
☐ Calculate Resources per Day

Allocations

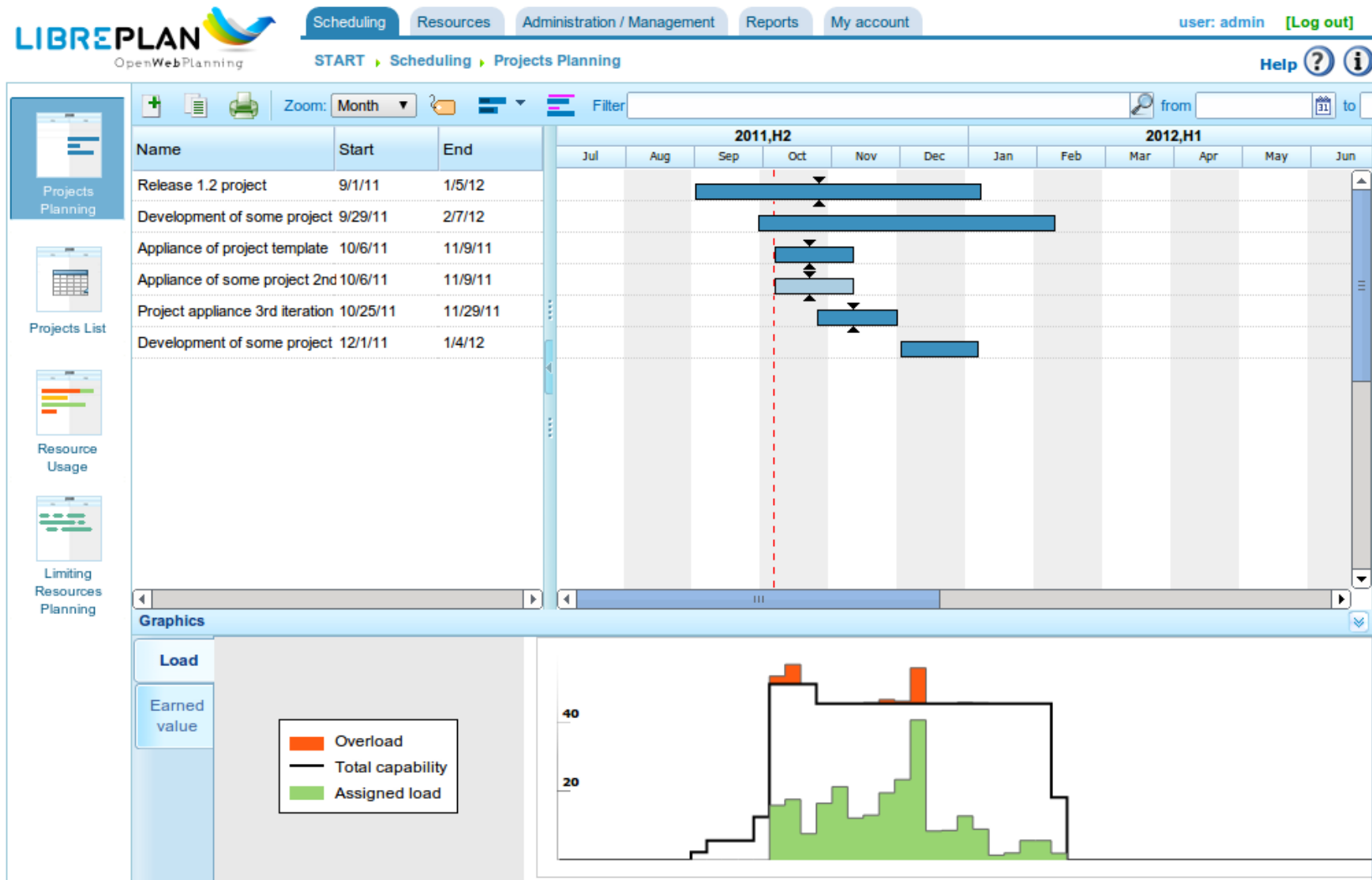
Select criteria or resources proje Add Advanced search Extended view

Resources Per Day	Op.
Non Consolidated	
1.00	
1.00	

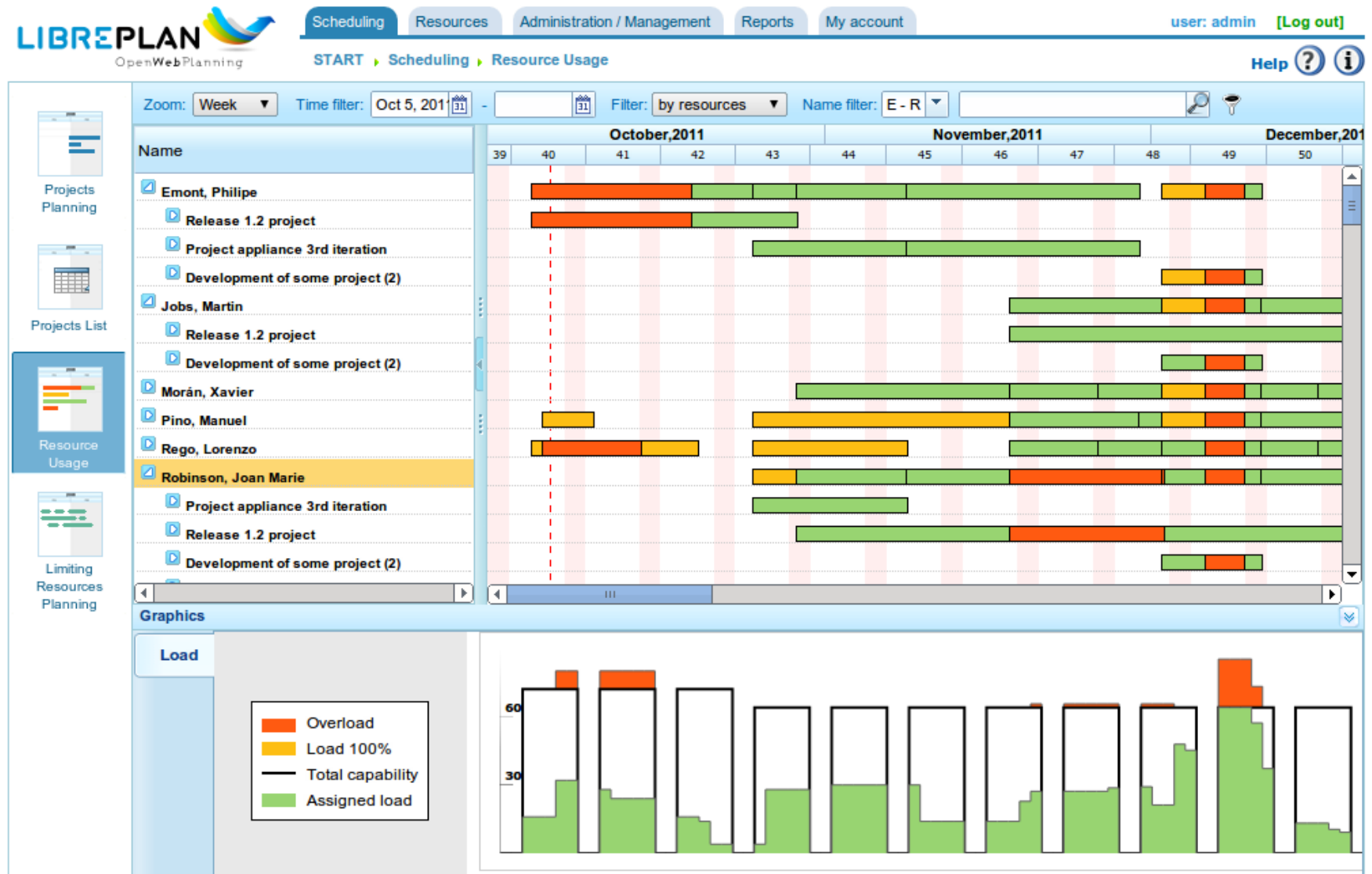
Apply tab changes

Accept Cancel

Overall utilisation



Individual resource allocation



Advanced allocation

Project Scheduling

Project Details

Resources Load

Advanced Allocation

MonteCarlo Method

Accept

Zoom level: Week

Pagination:

01/Sep/2011 - 30/Jun/2012

1 Project coordination - 9 Quality assurance

Name	Efforts	Function	November,2011				December,2011					
			42	43	44	45	46	47	48	49	50	51
Project coordination	80		0	0	0	0	0	0	0	0	0	0
TRAINING :: Project Manag	80	Flat	0	0	0	0	0	0	0	0	0	0
Static prototypes	80		20	0	0	0	0	0	0	0	0	0
Emont, Philipe	80	Flat	20	0	0	0	0	0	0	0	0	0
Brand deliverables	50		0	0	0	0	0	0	0	0	0	0
Emont, Philipe	50	Sigmoid	0	0	0	0	0	0	0	0	0	0
HTML/CSS templates	79:40		0	27:40	27:40	24:20	0	0	0	0	0	0
Robinson, Joan Marie	53	Stretches	0	17:40	17:40	17:40	0	0	0	0	0	0
Morán, Xavier	26:40	Flat	0	10	10	6:40	0	0	0	0	0	0
Feature A implementation	80		0	0	0	2	49	29	0	0	0	0
[generic all workers]	80	Sigmoid	0	0	0	2	49	29	0	0	0	0
Subfeature B.1	80		0	0	0	6:40	20	20	20	13:20	0	0
Morán, Xavier	40	Flat	0	0	0	3:20	10	10	10	6:40	0	0
Rego, Lorenzo	40	Flat	0	0	0	3:20	10	10	10	6:40	0	0
Subfeature B.2	132:28		0	0	0	12:28	36	36	36	12	0	0
Robinson, Joan Marie	34:40	Manual	0	0	0	2:40	8	8	8	8	0	0
Rego, Lorenzo	26:40	Manual	0	0	0	2:40	8	8	8	0	0	0
Jobs, Martin	17:48	Manual	0	0	0	1:48	4	4	4	4	0	0
Pino, Manuel	53:20	Manual	0	0	0	5:20	16	16	16	0	0	0
Add functional testing	80		0	0	0	0	0	0	0	0	13:20	40
TRAINING :: Junior designe	80	Flat	0	0	0	0	0	0	0	0	13:20	40
Quality assurance	80		0	0	0	0	0	0	0	0	13:20	40
Rego, Lorenzo	80	Flat										

Personal monthly worksheet

» Monthly timesheet

Timesheet data

Date	◀ July 2012 ▶
Resource	Doe,Sarah (09812)


Timesheet summary


Total	135
Total capacity	176
Total extra per day	13
Total extra	0


Time tracking

 **Add task**

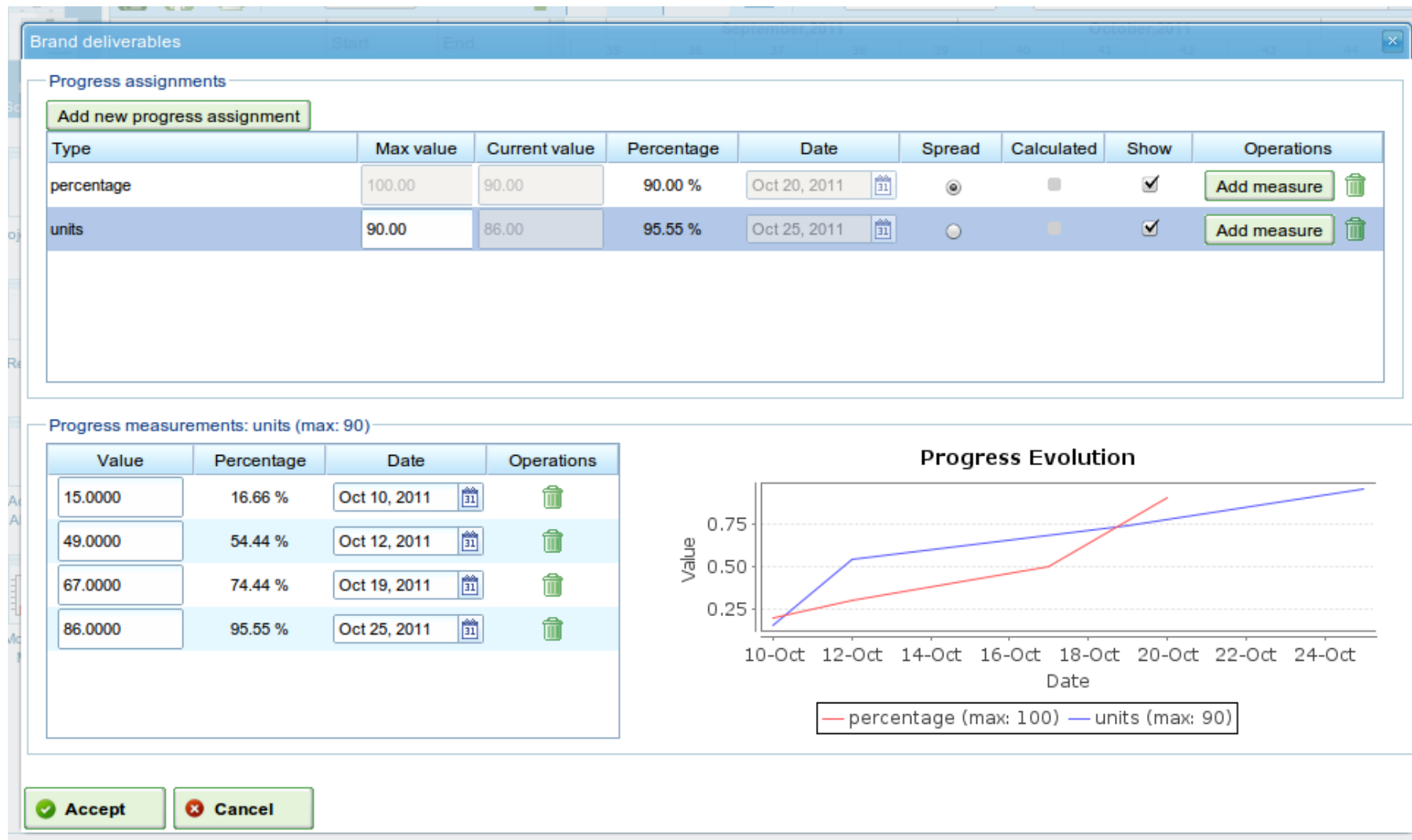
Project	Task	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LibrePlan 1.3 release	Community management			1	2:30						5		2												23:30
LibrePlan 1.3 release	Features	8	8			8			1	2	4:30	4:30				9	9:30	10	4						81:30
Project development	Coordination												4			2	1		3	6			7	7	30
Total		8	8	1	2:30	8			1	2	9:30	4:30	6			11	10:30	10	7	6			7	7	135
Capacity		8	8	8	8	8			8	8	8	8	8			8	8	8	8	8			8	8	176
Extra											1:30					3	2:30	2							13

 **Save**

 **Save & Continue**

 **Cancel**

Track progress



What did we build in the last
year ?

Jira connector (1/4)

LIBREPLAN OpenWebPlanning

Planning Resources Cost Configuration Communications Reports Personal area

user: admin [Log out]

START » Planning » Project Details » test

Help ? i

Task with options Filter

WBS (tasks) General data Cost Progress Label Criterion Requirement Materials Task quality forms Authorizations

Identification

Name test

Code ORDER00027 ☒ Generate code

Responsible

Description

State OFFERED

Planning Configuration

Starting date Oct 23, 2012

Deadline

Calendar Default

Scheduling mode Forward

Dependencies have priority ☐

Cost

Budget Work 0 € Materials 0 € Total : 0.00 €

Calculated budget 0.00 €

Total hours 0

Customer information

Project type Regular project

External code

Customer

Customer reference

Jira import information

Jira label Sync with Jira

Project Scheduling

Project Details

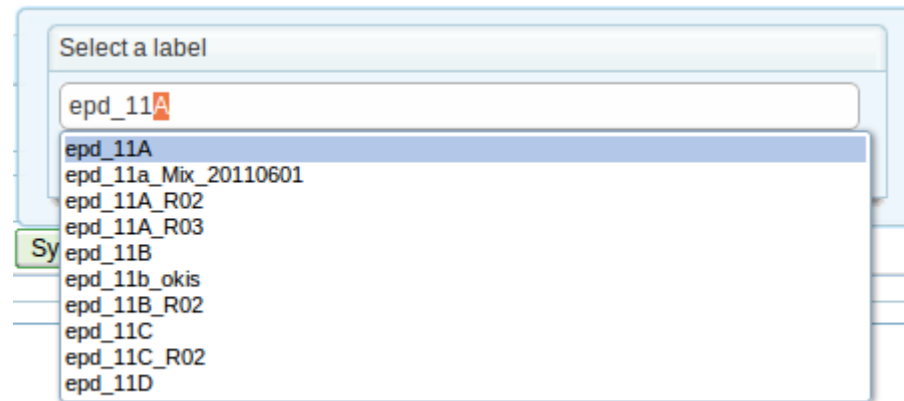
Resources Load

Advanced Allocation

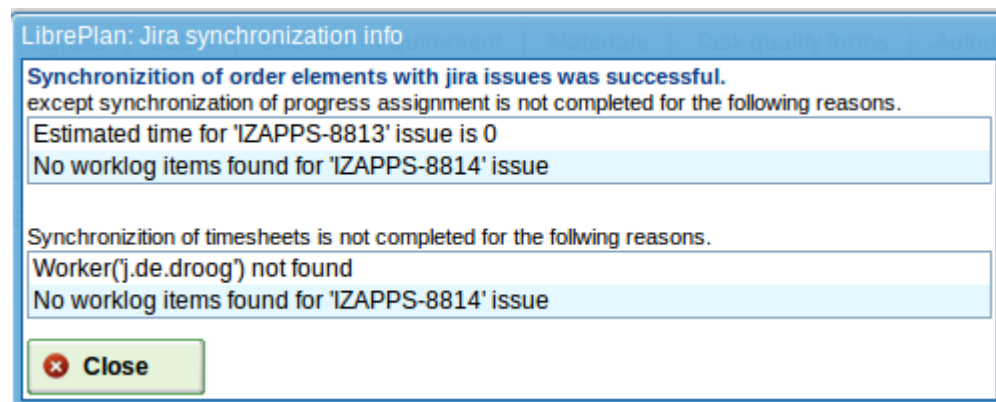
Dashboard

Jira 2/4

Auto-complete via small php script on Jira server





Log of manual Jira sync-run

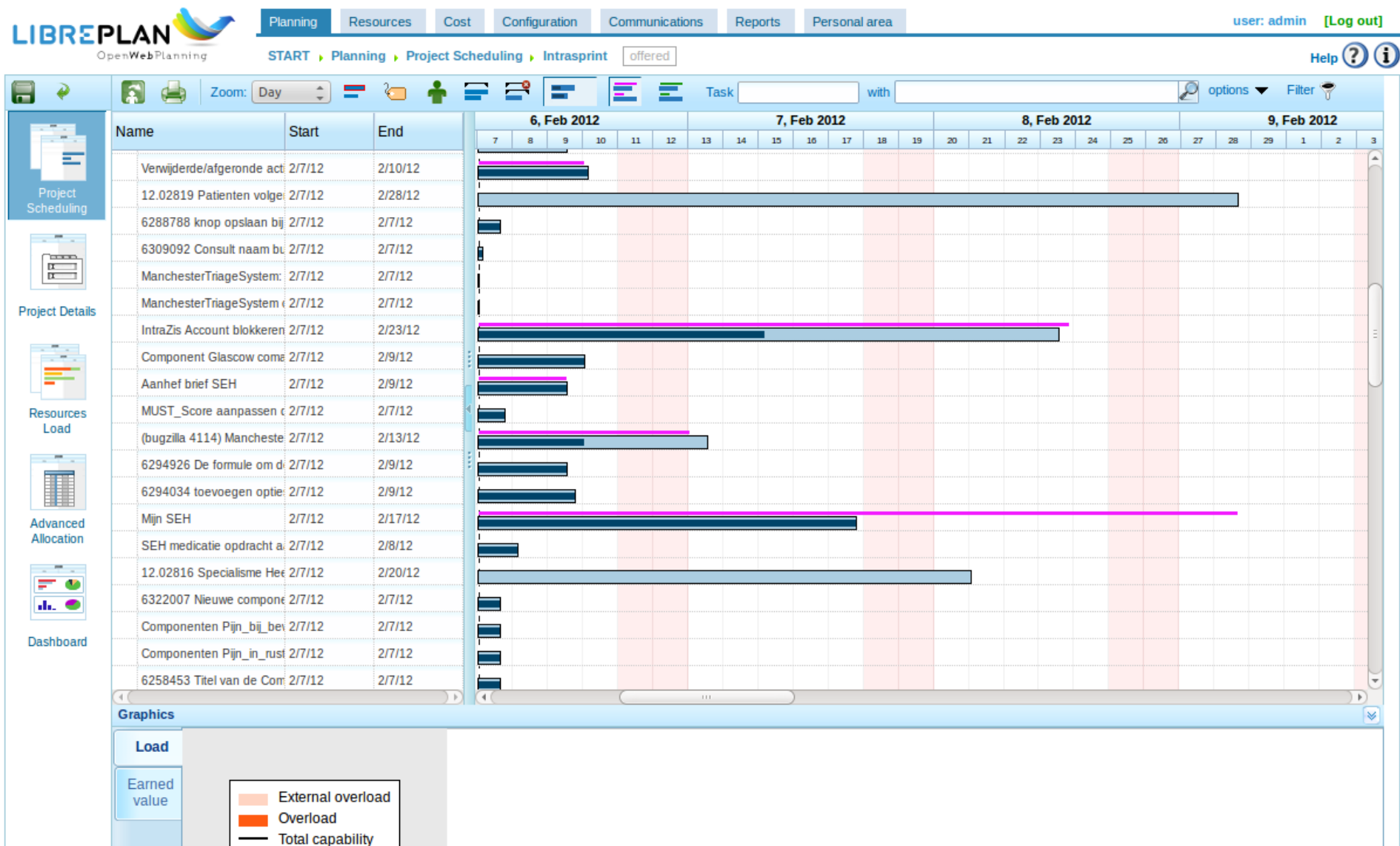


Jira 3/4

- Result of sync.
- Included are (read-only) time-estimations from Jira

WBS (tasks)		General data	Cost	Progress	Label	Criterion Requirement	Materials	Task quality forms	Authorizations
New task		<input type="text"/>	Hours	<input type="text" value="0"/>	<input type="button" value="Add"/>	<input type="button" value="Add From Template"/>		Selected node:       	
Scheduling state	Code	Name	Hours	Budget	Must start after	Deadline	Op.		
 	JIRA-ORDER00024-IZAPPS-9069	Ook 'Geen zorgactiviteit' kunnen registreren	32	0 €			 		
 	JIRA-ORDER00024-IZAPPS-8863	SEH sluiten actie voor de registratie van de zorgactiviteiten	59	0 €			 		
 	JIRA-ORDER00024-IZAPPS-8862	Zorgactiviteit registratie knop op SEH formulieren	44	0 €			 		
 	JIRA-ORDER00024-IZAPPS-8814	DatumOntslag_ werkt ook niet meer	0	0 €			 		
 	JIRA-ORDER00024-IZAPPS-8813	Het element DatumOpname en Opnamenummer werken niet meer	0	0 €			 		
 	JIRA-ORDER00024-IZAPPS-8511	12.01501 Na het verwijderen van een document, de bijbehorende mut	18	0 €			 		
 	JIRA-ORDER00024-IZAPPS-7868	6224124 Sortering in voorgeschiedenis waarbij geen jaartal ingevuld is	4	0 €			 		

Jira 4/4



Tim Enterprise

- Dutch time registration product
- Java webapp
- SOAPish interface

Budgetmatrix - TimEnterprise

Bestand Bewerken Budgetmatrix Instellingen Beeld Help

Naam: 3.3 Gerealiseerde en gebudgetteerde uren vorig en lopend jaar, afdelin... Bezigheid:
 Afdeling: Afdeling Financiën Rubriek:
 Persoon:
 Product:
 Periode: 2013

[Perioden, Afdelingen, Personen]	Afdeling Financiën			Anja de Groene			Ans Dadelmans			Totaal		
[Producten]	budg.	real.	saldo	budg.	real.	saldo	budg.	real.	s	budg.	real.	saldo
Improductief	798:32	25:00	773:32	103:01		103:01	106:49			798:32	25:00	773:32
Indirect productief	6297:53	6:00	6291:53	500:00	4:00	496:00	500:00	2:00		6297:53	6:00	6291:53
Afdelingsoverleg	1850:00	2:00	1848:00			0:00		2:00		1850:00	2:00	1848:00
Cursus / opleiding			0:00			0:00						0:00
Management	250:00	0:00	250:00			0:00				250:00	0:00	250:00
Ondersteunende werkzaamheden	2027:53	0:00	2027:53			0:00				2027:53	0:00	2027:53
Overleg afdeling/cluster	2170:00	4:00	2166:00		4:00	-4:00				2170:00	4:00	2166:00
Productieve uren	3709:00	19:00	3690:00	280:00	7:00	273:00	550:00	11:00		3709:00	19:00	3690:00
Financiën	2067:00	17:00	2050:00	150:00	5:00	145:00	500:00	11:00		2067:00	17:00	2050:00
KCC	442:00	0:00	442:00	60:00	0:00	60:00	40:00	0:00		442:00	0:00	442:00
Projecten	1200:00	2:00	1198:00	70:00	2:00	68:00	10:00	0:00		1200:00	2:00	1198:00
Totaal	11209:12	50:00	11159:12	883:01	11:00	872:01	1156:49	13:00		11209:12	50:00	11159:12

Timn connector

- Per project option to add timn product code
- Last time of sync shown

Tim sync information



Tim last sync	Jan 9, 2013 3:38:53 PM (5060)
---------------	-------------------------------

Tim product code	5160	Export to Tim
------------------	------	---------------

Scheduler

- Possibility to run connectors as jobs
 - Jira, Timn Enterprise
 - Crontab syntax

» Job scheduling

Job group	Job name	Cron expression		Next fire time	Action
Tim	Import roster from Tim	0 59 23 ? * * 2015		Thu Jan 01 23:59:00 CET 2015	Manual
Tim	Export timesheet to Tim	0 23 23 ? * * 2013		Wed Jan 09 23:23:00 CET 2013	Manual

Cron expression format

Field	Allowed values
Seconds	0-59
Minutes	0-59
Hours	0-23
Day of month	1-31
Month	1-12(or names[Jan-Dec])
Day of week	0-7 (0 or 7 is Sun, or use names[Sun-sat])
Year(optional)	1970-2099

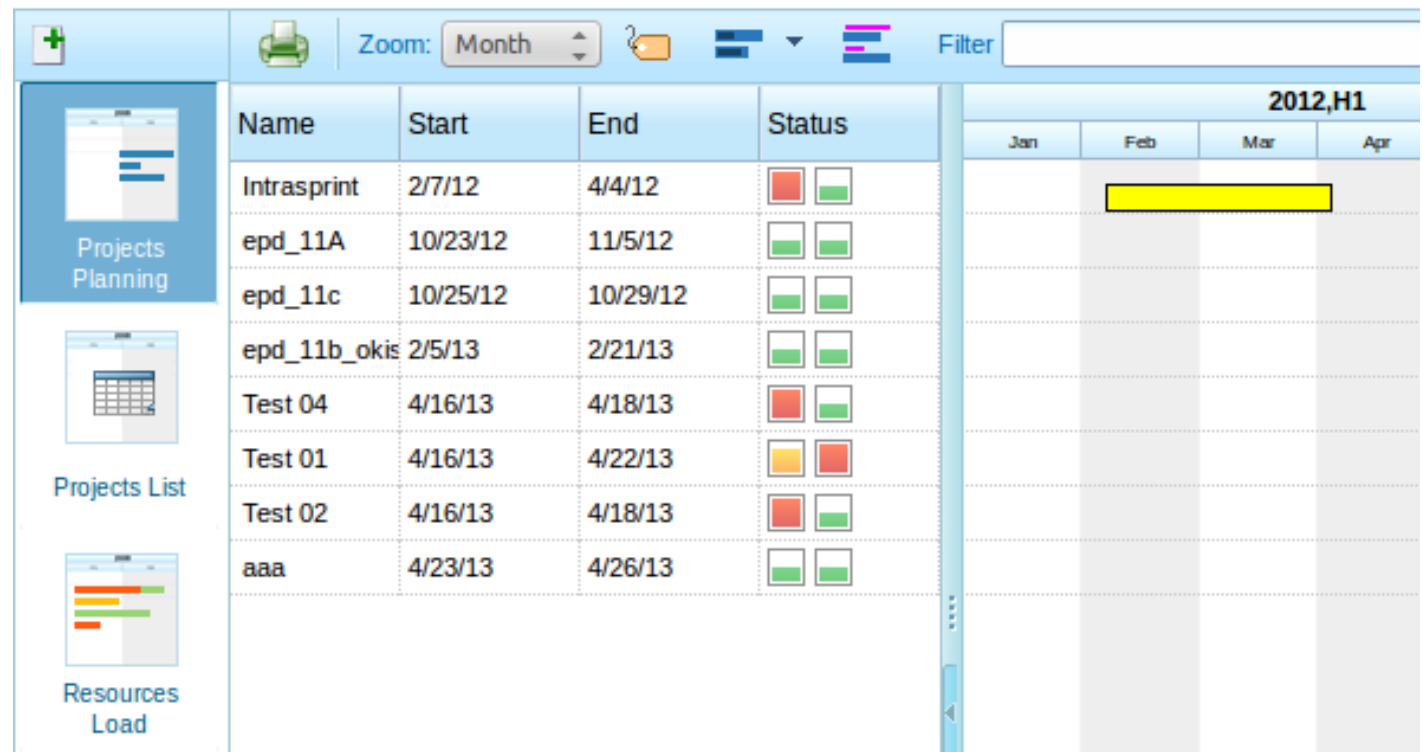
For more details on cron expression click [this](#)

Sofar for 1.4

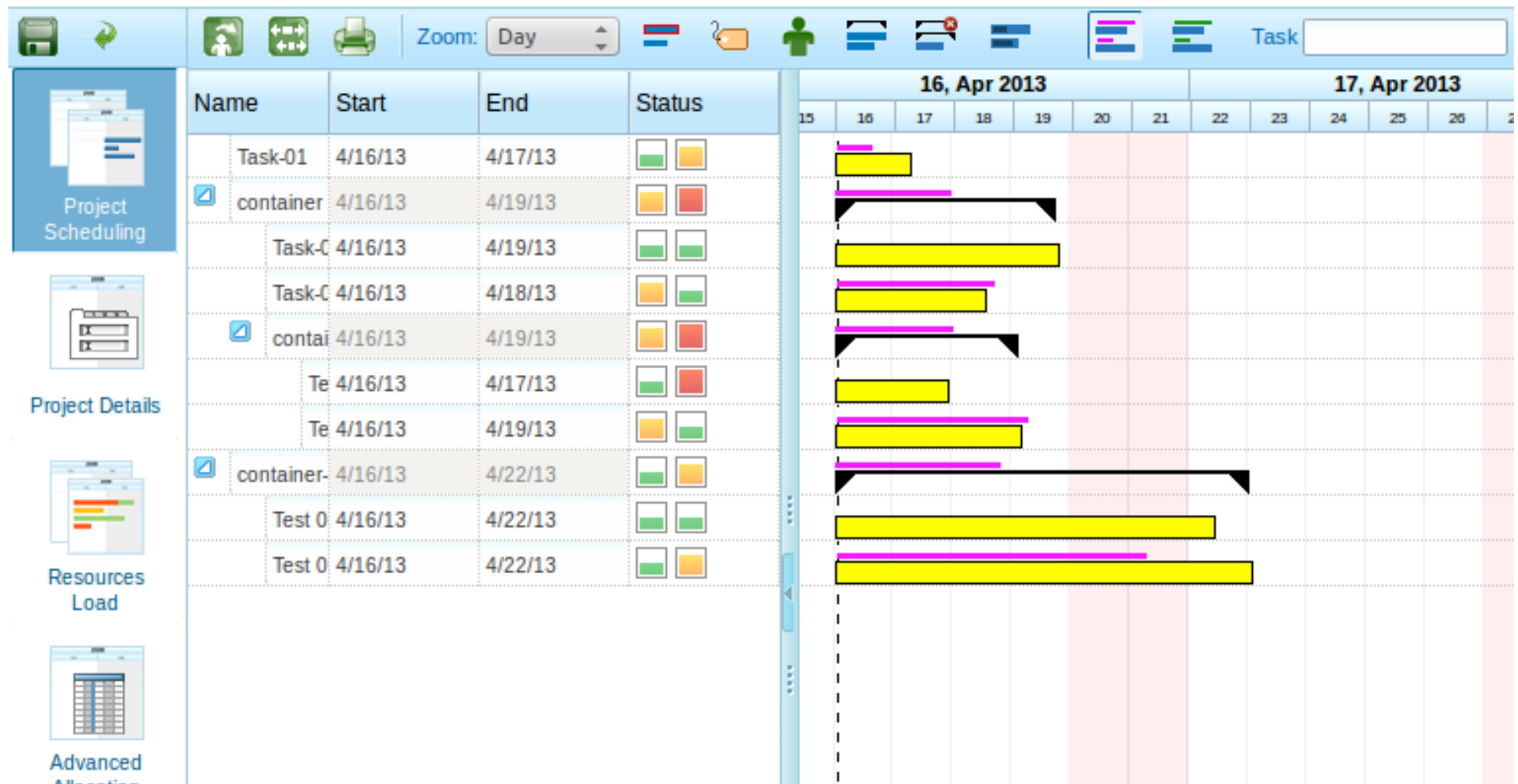
What's next ?

Margins !

- Margins per project.
- Visual indication of escalation (colorblind comp)
- Global...



Margins locally !



In progress... GOTIK report

Voortgangsrapportage

<u>Voortgangsrapportage</u>			
Project:		Fase:	
Opdrachtgever:		Periode:	
Projectmanager		Datum:	

GOTIK-status van het project

Geld	Organisatie	Tijd	Informatie	Kwaliteit
				

Status van het budget

[illegible]

Toelichting:

Status van de planning

WBS_mij/paal	Begin datum (P)	Eind datum (P)	Begin datum (A)	Eind datum (A)	Status	%Afgerond
1						

Toelichting:

Houder: Manager, projectenbureau	Document	1 st publicatie d.d.	dd-mm-jjjj
Auteur: Karin Kramer	Revisie d.d. (nr.)	dd-mm-jjjj (nr.)	
Status: concept / vastgesteld	Blad	1 van 2	
Volgende evaluatie d.d.: dd-mm-jjjj			

Resultaten, vooruitzicht en acties

Belangrijkste resultaten/gebeurtenissen afgelopen periode

- | | |
|--|--|
| | |
| | |

Vooruitzicht komende periode

- [illegible]

Risico-update (afkomstig uit risico-log)

Nr.	Datum ingediend	Omschrijving	Maatregel	Eigenaar

Toelichting:

* Kans: 1: Zeer onwaarschijnlijk - 5: Zeer waarschijnlijk
 ** Effect: 1: Zeer klein - 5: Zeer groot
 *** Bijzco: Kans x Effect

Status van de issues (afkomstig uit issue-log)

Nr.	Datum ingediend	Omschrijving	Maatregel	Eigenaar

Toelichting:

* Urgentie: 1: Zeer laag - 5: Zeer hoog
 ** Effect: 1: Zeer klein - 5: Zeer groot
 *** Severity level: Urgentie x Effect

Aandachtspunten en gevraagde acties Regiegroep Informatisering

		Document 1 ^o publicatie d.d.	- - - - - dd-mm-ii
		Revisie d.d. (nr.) Blad	dd-mm-ii (nr) 2 van 2

In progress...

- Issue/Risk log
- Bugzilla connector
- TimeTracker connector
- Email alerts with connector

Rapping up

- Looking for Java/zk programmers !
- Margins are in patch available
- Gotik possible due to margins
- Ideas galore

Questions ?
www.libreplan.nl
jeroen@jeroenbaten.nl



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